

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26150	"methyl ester" (vegetable or animal) (acid WITH (hydrochloric or sulfuric or toluenesulfonic or phosphoric or edta or citric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 12:35
L3	272	"methyl ester" ((transesterif\$3 or transesterificat\$3) same (vegetable or animal)) (acid WITH (hydrochloric or sulfuric or toluenesulfonic or phosphoric or edta or citric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 12:37
L4	105	l3 and diesel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 12:38
L6	34	l4 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 12:47
L7	8422	l1 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 12:58
L8	560	l7 and transesterification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 12:59
L9	4	"0249463"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:01

L11	585	l10 and emuls\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:23
L12	342	l11 and column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:23
L13	402	l11 and (column or mixer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:25
L14	35	l13 and biodiesel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:26
L15	65	l13 and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:32
L16	52	l11 and (water near wash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:45
L17	62	l11 and diesel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:49
L19	21689	l1 and methanol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:51
L20	1300	l10 and methanol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:52

L21	1180	I20 and (dried or drying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:53
L22	451	I21 and (emulsion or emulsified)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:53
L23	336	I22 and stabil\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:53
L24	97	I23 and mixer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:55
L25	55	I22 and (biodiesel or diesel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 13:59
L26	571	I10 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:11
L27	408	I26 and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:13
L28	357	I27 and methanol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:13
L29	464	I20 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:13

L30	2	29 and "wash column"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:13
L31	317	29 and column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:14
L32	131	29 and mixer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:14
L33	33	20 and "crude methyl ester"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:14
L35	122	20 and immiscible	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:19
L36	42	29 and biodiesel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:27
L37	150	29 and wash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:28
L38	377	"methyl ester" (vegetable or animal) ((acid NEAR (hydrochloric or sulfuric or toluenesulfonic or phosphoric or citric) or edta) ) transesterif\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:37
L39	121	38 and wash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:56

L40	92	I38 and (wash same (water or aqueous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 14:58
L41	67	I35 and I29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 15:12
L42	19	I41 and (wash same (water or aqueous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 15:17
L43	1472	"methyl ester" (vegetable or animal) ((acid NEAR (hydrochloric or sulfuric or toluenesulfonic or phosphoric or citric) or edta) (transesterification and transesterif\$3 or esterification or esterif\$3) (wash same (water or aqueous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 15:42
L44	45	I43 and biodiesel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 15:48
L45	64	"methyl ester" (vegetable or animal) ((acid NEAR (hydrochloric or sulfuric or toluenesulfonic or phosphoric or citric) or edta) (transesterification and transesterif\$3') (wash same (water or aqueous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 15:49
L46	1	"methyl ester" (vegetable or animal) (((hydrochloric or sulfuric or toluenesulfonic or phosphoric or citric) adj acid) same neutraliz\$3) (base same (transesterification and transesterif\$3)) (wash same (water or aqueous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:05

L47	1	"methyl ester" methanol (((hydrochloric or sulfuric or toluenesulfonic or phosphoric or citric) adj acid) same neutraliz\$3) (base same (transesterification and transesterif\$3)) (wash same (water or aqueous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:06
L48	7	"methyl ester" methanol (((hydrochloric or sulfuric or toluenesulfonic or phosphoric or citric) adj acid) same neutraliz\$3) (base same (transesterification and transesterif\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:07
L49	3571	"methyl ester" methanol (transesterification or (trans adj4 esterification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:19
L50	1050603	((hydrochloric or sulfuric or toluenesulfonic or "toluene sulfonic" or phosphoric or citric) or EDTA or HCL or H2so4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:21
L51	2756	l49 and l50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:21
L52	2531	l51 and water and (dry or drying or dried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:21
L53	203	l52 and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:22
L54	34	l53 and bio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:23

L55	2224	I52 and oil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:24
L56	198	I55 and I53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:24
L57	61	biodiesel (base adj2 catalyzed adj2 transesterification)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:32
L58	4	"0249463"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 16:41
L59	345	(44/385).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 18:17
L60	40	I59 and biodiesel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 18:17
L61	13	I59 and I1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/20 18:17

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